GRIGORYAH, M.S.; BRUTYAH, A.S.

Dynamics of total protein and protein fractions during radiation sickness in swine. Izv.AN Arm. SSR. Biol. nauki 12 no. 4:39-48 Ap '59. (MIRA 12:9)

1. Kafedra patologicheskoy fiziologii i patologicheskoy anatomii Yerevanskogo zooveterinarnogo instituta. (RADIATION SICKNESS) (BLOOD PROPEINS)

BRUTYAN, Kh.K.

Automatic increase of computational accuracy in a machine with a fixed point. Trudy Vych. tsentra no.1:46-58 '63. (MIRA 16:11)

BRUTYAN L

BRUTYAN, L.

Eduari Kazarian's miniatures. Tekh. mol. 26 no.1:4 '58. (MIRA 11:1)

(Miniature objects)

Professor of mathematics. Rabotnitsa 36 no. 6:25 Je '58.

(MIRA 11:8)

(Oleinik, Ol'ga Arsen'evna)

BRUT'YO, J BRUT'O, Yanosh [Brutyo, Janos]

Record to be proud of. Vsem.prof.dvizh. no.4:25-28 Ap '60. (MIRA 13:4)

1. General'nyy sekretar' TSentral'nogo soveta profsoyuzov Vengrii. (Hungary--Economic conditions) (Hungary--Trade unions)

BRUTYO, Janos

On the way of never achievements. Munka 10 no.1:1-2 Ja 160.

1. Szakszervezetek Orszagos Tanacsa fotitkara, es "Munka" foszerkesztoje.

BRUTYO, Janos

Workers' sense of responsibility has increased concerning the management of enterprises and plants. Munka 10 no.3:1-4 Mr '60.

1. Szakszervezetek Orszagos Tanacsa fotitkara, es "Munka" foszerkesztoje.

BRUTYO, Janes

We firmly support the struggle of the World Federation of Trade Unions for the vital interest of workers. Hjng TU no.1:2-3 Ja '62.

1. General Secretary of the Central Council of Hungarian Trade Unions

BRUTYO, Janos

"We assure all striking Spanish workers of our fraternal solidarity." Hung TU no.5:25 My 162.

1. General Secretary on behalf of the President of the Trade Union Council.

BRUTYO, Janos

Guide to our work, program for the progress of our people are the Central Committee's congressional guiding principles. Munka 12 no.10:1-5 0 62.

1. Szakszervezetek Orszagos Tanacsa fotitkara, es "Munka" foszerkesztoje.

BRUTYO, Janos

Trade unions concentrate all their strength on the complete construction of socialism. Munka 12 no.12:1-5 D 162.

1. Szakszervezetek Orszagos Tanacsa fotifkara, es Munka feszerkesztoje.

BRUTYO, Janos

The Hungarian trade unions prepare for their 20th Congress.
Hung TU no.3/4:2-9 1633 V

1. First Secretary, Central Council of Hungarian Trade Unions.

BRUTYO, Janos

An interview with Janos Brutyo, secretary general, Central Council of Hungarian Trade Unions, at the end of the year. Munka 14 no. 1:1-3 Ja '64.

1. Szakszervezetek Orszagos Tanacsa fotitkara; "Munka" foszerkesztoje.

SOMOGYA, Miklos; MUTYO, Janos

Hungarian trade unions for the strengthening and entry of the trade-union world movement. Binka 14 no. 7:1-4 Ji '64.

1. President, Control Council of Hungarian Trade Unions (for Somogyi). 2. Secretary General, Control Council of Hungarian Trade Unions; Editor-in-Chief, "Manka" (for Brotyo).

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307120009-9"

* *:

BRUTYO, Janos

A talk with Mr.Janos Brutyo, General Secretary of the Central Council of Hungarian Trade Unions on the international activity of the Hungarian trade unions. Hung TU no.3:1-2 Mr 165.

1. Secretary General, Central Council of Hungarian Trade Unions, Budapest.

BRUTYO, Janos; TENYI, Ferenc, technologus; MARTIN, Janos; KIS SZABO. Laszlone; ARADI, Tibor; HOFFMANN, Nandor; KIRALY, Albert; BOROSS, Istvan, mernok

National conference of socialist brigade leaders. Munka 15 no.4: 10-17 Ap '65.

1. Secretary General of the Contral Council of Hungarian Trade Unions, Budapest (for Brutyo). 2. Lang Machine Factory, Budapest (for Tenyi). 3. Tatabanya Goal Mining Trust, Tatabanya (for Aradi). 4. Kobanya Drug Factory, Budapest (for Hoffmann). 5. Research Institute of Heavy Chemical Industry (for Kiraly). 6. Csepel Automobile Factory, Budapest (for Boross).

BRUVER, Ye.A.; MISHCHENKO, V.V.; SMIRNOV, Yu.T.

Efficient groups of boreholes in electric rotary drilling in exploratory workings. Uch. zap. SAIGIMSa no.7:233-239 '62. (MIRA 17:2)

1. Sredneaziatskiy nauchno-issledovatel'skiy institut geologii i mine-ral'nogo syr'ya, Tashkent.

BRUVERIS, Z.

Changes in the length of segments of the spinal cord and vertebral column of the cow and pig during the early embryonal period. Vestis Latv ak no.8:83-90 '61.

COUNTRY : Uasid : Cultiveted Plants. Porage Crops CATEGORY ABS. JOUR. : RZhBiol., No. 23 195,8, No. 104752 Bruy Comkovoy, G. M., Golokovskaya, I. W. : Dnepropetrovsk agricultural Institute AUTHOR INST. : On the feasibility of Securing Two Mowings of Corn. TITLE ORIG. PUB. : Ahivotnovoustvo, 1957, No. 6, 73-77 : In the experiments at Dnepropetrovskiy agricultural ABSTRACT Institute, corn plented on the 27th of April (veriety Uspekh) reached a height of 30-110 centimeters by the 5-6th of July. Formation of flowers was in progress in the primordial panicle in the majority of the plants and elongetion and differentiation of the terminal axillary buds was beginning. The moving of the green bulk was uous on the 8th of July at a height of 8-15cm. As the result of the veriation i. the height of moving, the stalk in some plants was cut off (in 49.4% of the plants), in others - the Card: 1/4 71

COUNTRY M CATEGORY 1958, No. 104732 ARS. JOUR. : RZhBiol., No. AUTHOR INST. TITLE ORIG. PUB. : : panicle (42.1%) and in still others - only the leaves ABSTRACT (8.5%). Plants with the stalk untouched during the moving and with the panicle cut, grew by means of the continuation of the growth of the main stem and of the leaves remaining after the mowing. Plants in which the cut was above the primordial panicle, grew rapidly but developed slowly. In the plants with the panicle out low, the continuance slowed down, the plants had an inhibited appearance; later, the growth proceeded normally. The cutting of the leaves with a partial removal or no removal of the CARD: 2/4

COUNTRY CATEGORY : M ABS. JOUR. : RZhBiol., No. 195 8, No. 104732 AUTHOR INST. TITLE ORTG. PUB. : ABSTRACT : developing panicle was later reflected in the overall aiminution in the size of the plants. The earlier the mowing was done, the larger were the dimensions attained by the growing plants. belay in the development and the leg in growth are explained by the removal of a considerable part of the assimilating surface. Plants with the stem cut, i.e. those in which the primordial panicle and part of the stem with axillary buds were removed, grew for EARD: 3/4

COUNTRY CATEGORY ABS. JOUR. : RZhBiol., No. 1955. No. 104732 AUTHOR INST. TITLE : ORIG. PUB. : the most part at the expense of the buds at the aboveground ABSTRACT noces; the suckers developed were of smaller dimensions. To obtain two mowings of corn, the first mowing has to be done et a height exceeding the developing panicle. In 1936, the yield of green roughuge of corn from two mowings, on the whole, did not surpass the single mowing for silege. -- M. A. Novogerzhkin Card: 4/4

BRUYAK, Ye.A., inzhener.

Errors committed by the State Institute for the Planning of Peat Industry Plants in land allotment plans. Torf.prom.33 no.3:18:19 '56. (MIRA 9:7)

1. Belgostorf.
(Public lands) (Peat industry)

DROZD, Ya.I.; BRUYAK, Ya.A.; IZAKOV, Sh.I., tekhm. red.

[Examples of calculations of reinforced concrete elements] Primery rascheta zhelezobetomykh konstruktsii. Minsk, Redaktsionno-izd.otdel BPI im.I.V.Stalina, 1960. 165 p. (MIRA: 4:12) (Precast concrete)

TURUTA, N.U., kand. tekhn. nauk; ZUB, N.I., inzh.; BRUYAKIN, A.V., inzh.

Productivity and optimum depth of drilling holes with drilling rigs equipped with sinker air hammers in open-pit mine workings. Izv. vys. ucheb. zav.; gor. zhur. 6 no.6:88-92 '63. (MIRA 16:8)

1. Ukrainskiy nauchno-issledovatel'skiy i proyektnyy institut (for Turuta). 2. Spetsializirovannoye upravleniye No.77
Transvzryvproma (for Zub, Bruyakin).

(Boring machinery)

BRUYAKIN, A.V., inzh.; ZUB, N.I., inzh.

Testing electric detonators of short delayed action. Transp. stroi. 13 no.10:67-68 0 63. (MIRA 17:8)

TURUTA, N.U., kand. tekhn. nauk; BRUYAKIN, A.V., kand. tekhn. nauk

Breaking of fractured rocks by blasting with various of explosive charges. Vzryv. delo no.57/14:82-90 165.
(MIRA 18:11)

1. Gosudarstvennyy nauchno-issledovateliskiy i proyektnyy institut ugolinoy, rudnoy, neftyanoy i gazovoy promyshleneosti UkrSSR.

SYZGANOV, A. N.; BRYAKIN, Yu. M.

Surgical treatment of mitral stenosis. Zdrav. Kazakh. no.4: 7-13 '62. (MIRA 15:6)

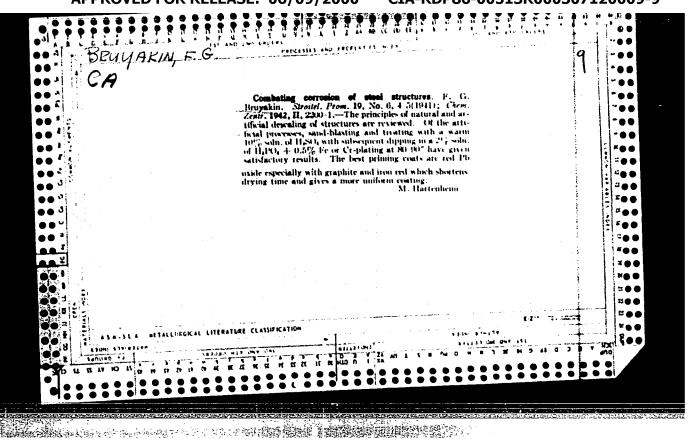
1. Iz Instituta klinicheskoy i eksperimental'noy khirurgii (direktor - akademik AN Kazakhskoy SSR A. N. Syzganov) Akademii nauk Kazakhskoy SSR.

(MITRAL VALVE-SURGERY)

ZUB, N.I., inzh.; BRUYAKIN, A.V.

Short-delay blasting of deep holes in open pit mines. Gor. zhur. no. 11:53-55 N '60. (MIRA 13:10)

1. Ukrzheldorvzryvprom, Kiyev.
(Strip mining) (Blasting)



L 08269-67 ACC NR: AT6036480 external respiration of the cosmonauts. Physical exercises and orthostatic tests were included to detect earlier signs of physiological shifts. Examinations were carried out before and after training in the ship, where certain conditions of flight were simulated, and also two weeks before flight. Postflight examination was begun fifteen minutes after landing and was continued for the first four days after the flight and also two weeks later. After landing, the cosmonauts were active, looked somewhat excited, and complained of general fatigue. They were found to have hyperemia of the mucosa of the upper respiratory tract and conjunctivitis. Komarov's weight dropped by 2.6%, Feoktistov's weight dropped by 4%, and Yegorov's by 3.9%. Weight loss was determined by Zhdanov to be due to water and fat loss. Neurological examination revealed a light swaying in the Romberg position, a tremor of the fingers, and increased perspiration. In addition, Yegorov showed a contraction of the retinal arteries. Disruption of vision and vestibular difficulties were not noted. Changes in EEG indicated an increase in inhibitory processes in the cortex of the brain. A diminution in work capacity was established by Card 2/4

1. 08269-67 ACC NR. AT60361,80 psychological experiments (increase in the number of mistakes, increase in latent periods). Indices of cardiovascular activity during rest did not exceed wide norms. However, an increase in pulse frequency was noted (Komarov up to 96, Feoktistov up to 100, and Yegorov up to 94 beats/min), as well as moderate drop in arterial pulse pressure at the expense of an increase in diastolic pressure. All three cosmonauts, when subjected to exercise, showed a significant increase in the pulse rate and inertia in the stroke volume. Feoktistov and Yegorov showed a significant diminution in the heart stroke volume and minute circulation of the blood during the passive orthostatic test. This could indicate a discuption of the venous inflow to the heart. Postflight blood examinations indicated neutrophilic leukocytosis and eosinopenia. Urine was found to contain significant quantities of salts, chiefly urates, single erythrocytes (in the field of vision), and an increase in the excretion of 17-oxycorticosteroids. Eosinopenia, an increase in excretion of products of hormone decomposition, indicated the development of a stress reaction in cosmonauts. Since some of the indications found on the flight were also found after training in the train-Card 3/4

ng ship, there is reason to attribute them to limitation of motor activity inder conditions of weightlessness. The functional shifts found after light are indications of a general fatigue, a moderate stress reaction, and a certain amount of detraining. In general, the changes observed in the cosmonauts were of one type. The differences found between the desired can be attributed to individual differences. [W.A. No. 22; ID Report 66-116] JB CODE: 06, 22 / SUEM DATE: COMay66	•
nd a certain amount of detraining. In general, the changes observed in the cosmonauts were of one type. The differences found between the cosmonauts can be attributed to individual differences. [W.A. No. 22; ID Report 66-116]	
nd a certain amount of detraining. In general, the changes observed in the cosmonauts were of one type. The differences found between the osmonauts can be attributed to individual differences. [W.A. No. 22; ID Report 66-116]	
ID Report 66-116]	
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DE CODE: OS, 22 / SUBM DATE: COMay66	
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L 01296-67 EWP(m)/EWP(k)/EWT(d)/EWT(1)/EWT(m)/EWP(w)/EWP(v) IJP(c) EM/WW ACC NR: AP6026745 (N) SOURCE CODE: UR/0198/66/002/005/0102/0107

AUTHOR: Bruyatskiy, Ye. V. (Kiev)

ORG: Institute of Hydromechanics, AN UkrSSR (Institut gidromekhaniki AN UkrSSR)

TITLE: On the application of the Vekua method to the solution of Oseen equations

SOURCE: Prikladnaya mekhanika, v. 2, no. 5, 1966, 102-107

TOPIC TAGS: incompressible fluid, drag coefficient, Reynolds number, Navier Stokes equation, flow analysis

ABSTRACT: The plane stabilized motion of a viscous incompressible fluid at low Reynolds numbers is investigated. Generalized Navier-Stokes equations are linearized in C. W. Oseen's classic approximation, Neuere Methoden und Ergebnisse in der Hydrodynamik, Leipzig, 1927. For the solution of these equations, the method evolved by N. I. Vekua (Novyye metody resheniya ellipticheskikh uravneniy, Gostekhizdat, Moscow, 1948) was used. The essence of the method is that the transition to a complex plane brings about a solution of the fundamental equation of the flow function which is no longer elliptic, but hyperbolic. This solution of Oseen's random problem alloys to establish the distribution of speeds and to calculate the drag acting upon an infinite cylinder at Re < 12. Analytical expressions for the flow function, the velocity of components, and the frontal drag are developed. A theoretical curve showing the rela-

Card 1/2

ACC NR: AP6026745 tionship between the drag coefficient of a circular cylinder and the Re is evolved; the curve is in close agreement with experimental data obtained by other authors for Re < 12. Orig. art. has: 25 formulas, 1 figure. SUB CODE: 20/ SUBM DATE: 17Nov65/ ORIG REF: 004/ OTH REF: 003

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L 07446-67 EMP(m)/EMT(1) MW
ACC NR: AP6035498 UR/0198/66/002/010/0121/0127

AUTHOR: Bruyatskiy, Ye. V. (Kiev)

ORG: none

TITLE: Approximate method for solving the boundary-value Oseen problem for a cylinder of an arbitrary form

SOURCE: Prikladnaya makhanika, v. 2, no. 10, 1966, 121-127

TOPIC TAGS: hydrodynamics, boundary value problem, Oseen problem, approximate solution

ABSTRACT: An approximate method for solving the problem of a plane steady flow of a viscous incompressible fluid past a cylindrical body of arbitrary form is presented, utilizing the linearized (in the sense of Oseen) Navier-Stokes equations as input equations. As was shown in a previous article by the author, [Prikladnaya mekhanika, v. 2, no. 5, 1966], the solution of the problem for small Reynolds numbers is reduced to the solution of the boundary-value problem for the equation

$$\Delta \left(\Delta - 2\lambda \frac{\partial}{\partial x} \right) \Psi_1 = 0, \tag{1}$$

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L 07446-67 ACC NR: AP6035498

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where $2\lambda = \frac{V_{\infty}}{V}$, V_{∞} is the velocity of a homogeneous undisturbed flow, v is the kinematic viscosity, and v_1 is a stream function of disturbed motion. To solve this boundary value problem, the well known method of the boundary form distortion is applied. The functions entering the boundary conditions (conditions for the complex conjugate velocity) are expressed in the form of expansions in powers of a small parameter ε and the solution of (1) in a polar coordinate system is sought in the form

$$\Psi(\mathbf{r}, \theta, \mathbf{e}) = \sum_{l=0}^{\infty} \mathbf{e}^{l} \Psi(\mathbf{r}, \theta).$$
 (2)

By substituting (2) into (1), an infinite system of equations for the j-th approximation (j=0,1,2...) of the problem is derived. It is pointed out that the zero approximation is to be understood as the solution of the defined problem when $\varepsilon=0$, that is, for a circular cylinder. By applying the theory of conformal mapping, it is shown that solution of the defined problem for a cylinder with an arbitrary diretrix is reduced to the solution of a sequence of boundary-value problems for a circular cylinder which is solved by author in the above-mentioned article. As an illustration of the method, uniform flows past elliptic, square, and triangular cylinders with rounded corners whose axis are perpendicular to the direction of the disturbed flow are analyzed. Analytic expressions for drag coefficients are

Card 2/3

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GRIGOR'YEV. V.A., kand. tekhn. nauk; CHERNYSHEV, I.N., kand. tekhn. nauk; BHUYEV, E.V.

Control of thermal conditions in rubber tires. Avt. prom. 31 no.2:17-19 F 165. (MIRA 18:3)

l. Moskovskiy energeticheskiy institut i Nauchno-issledovatel'skiy institut shinnoy promyshlennosti.

BRUYEV Pavel Kirillovich; KAMAKOV, N., red.

[300 centners of green bulk and 10.3 centners of lupine seed per hectare] Liupin - 300 tsentnerov zelenci massy, 10,3 tsentnera semian. Smolensk, Smolenskoe knizhnoe izdvo,[n.d.] 28 p. (MIRA 17:7)

1. Predsedatel kolkhoza "Rossiya" Shumyachskogo pr. zvodstvennogo kolkhozno-sovkhoznogo upravleniye (for Bruyev).

BRUYEV, S.

Let's have a sound plan for the production of suburban state farms. Sov. torg. 35 no.5:17-19 My '62. (MIRA 15:5) (State farms) (Moscow-Vegetable trade)

Time limits for the plum trade could be extended. Sov. torg.
36 no.10:36-37 0 62. (MIRA 16:2)
(Fruit trade)
(Plum)

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BRUYEV, S. N.

Effects of the method of handling on the quality and keeping quality of apples. Sad i og., No 8, 1952.

BRUYEV, Sergey Nikolayevich; STRONGIN, V.L., red.; BABICHEVA, V.V., tekhn.red.

[Storing fresh apples at temperatures below freezing]
Khranenie svezhikh iablok pri temperaturakh nizhe nulia.
Moskva, Gos.izd-vo torg.lit-ry, 1958. 63 p. (MIRA 13:1)
(Apple-Storage)

BRUYEV, S.N.; YEROKHINA, M.V.

Role of the temperature and pure cultures of lactic acid bacteria in the production and preservation of sauerkraut and pickles. Kons. i ov.prom. 19 no.1:22-24 Ja . 64. (MIRA 17:2)

1. Moskovskiy institut narodnogo khozyaystva imeni G.V.Plekhanova.

BRUYEV, Sergey Nikolayevich; BORISOVA, G.A., red.

[Preserving and storing of plums] Konservirovanie i
khranenie sliv. Moskva, Ekonomika, 1965. 98 p.
(MIRA 18:5)

S/062/60/000/012/003/020 B013/B055

AUTHORS:

Rubinshteyn, A. M., Elitekov, Yu. A., Bruyeva, T. R.

TITLE:

Studies on Adsorption by Aluminum Oxide Monohydrate and

y-Aluminum Oxide

PERIODICAL:

Izvestiya Akademii nauk SSSR. Otdeleniye khimicheskikh nauk,

1960, No. 12, pp.2107-2117

TEXT: The present paper is a complex study on the adsorptive properties of aluminum oxide monohydrate (boehmite) and its dehydration products with respect to Ar, N₂, n-C₆H₁₄, C₆H₆, and CH₂OH. The adsorption of argon and nitrogen was studied at -195°C and that of n-hexane and benzene at 20°C nitrogen was studied at -195°C and that of n-hexane and benzene at 20°C nitrogen was studied at -195°C and that of n-hexane and benzene at 20°C nitrogen was precipitated from a 10% solution of Al(NO₃)₃ with a 10% compound. It was precipitated from a 10% solution of Al(NO₃)₃ with a 10% NH₄OH solution and then treated according to Ref. 1. The experiments were performed in a soldered vacuum apparatus (Fig. 1), consisting of 3 main performed in a soldered vacuum apparatus (Fig. 1), consisting of 3 main paratus: 1) the vacuum device, 2) a device containing a vacuum microburette and 3) the gas-cleaning system. This apparatus made possible, firstly, the Card 1/3

Studies on Adsorption by Aluminum Oxide Monohydrate and γ -Aluminum Oxide

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investigation of gas adsorption by the volumetric method and vapor adsorption by means of the vacuum microburette using one and the same catalyst and, secondly, the simultaneous measurement of two samples. The experimental adsorption isotherms of nitrogen vapors are shown in Fig. 2a and those of argon in Fig. 2b. The specific surfaces of the samples investigated were calculated by the simpler B-point method and the standard Brunauer-Emmett-Teller method (Fig. 3, Table 1). The results are in satisfactory agreement. The measurements carried out in this study, together with data published 2 in Ref. 1 show that sorbed argon (ω_0 = 15.4 A²) and nitrogen (ω_0 = 16.2 A²) occupy corresponding surface areas. The experimental and calculated data obtained in adsorption studies of n-hexane and benzene are shown in Figs. 4-7 and Tables 2 and 3. From these it can be seen that the calculated specific surfaces of the samples investigated are somewhat fortuitous and characterized by abnormally high values of S. This anomaly is due to the characterized by admormally high values of the system Al₂O₃-H₂O increased sorptive energy of the developed texture of the system Al₂O₃-H₂O and its dependence on the H2O content. The effect of dehydration of Al203 on the adsorption was studied and the absolute adsorption isotherms of $n-C_6H_{14}$ and C_6H_6 (Fig. 8), nitrogen (Fig. 9), and argon (Fig. 10) were card 2/3

Studies on Adsorption by Aluminum Oxide Monohydrate and γ -Aluminum Oxide

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calculated. The degree of dehydration inside a water content of 11.6 to 4.0% by weight had no influence on the adsorption of $n \cdot C_6H_1$, whereas it noticeably increased the adsorption of C_6H_6 , nitrogen, and even that of argon, in the initial monomolecular range. The increased adsorption of nitrogen in the initial range, as compared to argon, may be explained by an additional interaction energy of the nitrogen quadrupole with the electric field of γ -Al₂O₃. The quadrupole moment of argon is zero. The adsorbability of the investigated vapors on aluminum hydroxide (boehmite) is low because it has a looser lattice than γ -Al₂O₃. The crystal lattice of boehmite contains more excited hydroxyl groups owing to their close mutual neighborhood than γ -Al₂O₃ which is built up of closely packed and entirely or partly ionized oxygen- and aluminum atoms. There are 10 figures, 3 tables, and 20 references: 8 Soviet, 5 US, and 3 German.

ASSOCIATION:

Institut organicheskoy khimii im. N. D. Zelinskogo Akademii nauk SSSR (Institute of Organic Chemistry imeni N. D. Zelinskiy of the Academy of Sciences USSR)

SUBMITTED:

July 10, 1959

Card 3/3

S/195/60/001/003/011/013 B013/B058

AUTHORS:

Rubinshteyn, A. M., Slovetskaya, K. I., Bruyeva, T. R.

TITLE:

Study of the Adsorption Properties of Aluminum-chromiumpotassium Catalysts for the Dehydrogenation of Paraffins

PERIODICAL: Kinetika i kataliz, 1960, Vol. 1, No. 3, pp. 455 - 463

TEXT: In this paper the authors studied the adsorption properties of an active aluminum-chromium-potassium catalyst (13% Cr₂0₃, 84.6% Al₂0₃, and 2.4% K₂0) with regard to water vapor, isopropyl alcohol and isopentanc. Two samples of equal composition, but from different production batches were used. They were of somewhat different texture, but of almost equal activity. Sample 1 was used for studying the adsorption of isopentane, sample 2 for that of water and isopropanol. The isopentane adsorption on sample 1 was studied by the capillary method described in Ref. 22. The adsorption isotherms measured at 20°, 50°, 100°, 150°, 205°, 241°, 297°, and 325°C were well reproducible. It was established that only a

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Study of the Adsorption Properties of Aluminum-chromium-potassium Catalysts for the Dehydrogenation of Paraffins S/195/60/001/003/011/013 B013/B058

physical, completely reversible isopentane adsorption takes place below 150°C, the amount of chemosorbed isopentane increasing exponentially with the temperature. At 350°C and permanent contact with the catalyst, cracking of the isopentane occurs at 10 to 15 mm Hg. This is accompanied by consecutive reactions. The rate of chemosorption which has an activation energy of ~15 kcal/mole increases quickly with increasing temperature. The following was studied next: a) adsorption of H₂O on a reduced sample at room temperature; b) removal of H₂O by heating a reduced and initial sample 2; c) adsorption of H₂O on the initial and the reduced sample 2 at 400°C. It was ascertained that at room temperature about 50% of the catalyst surface are covered with adsorbed water which can only be removed by heating up to 300 to 450°C. The adsorption is reversible at 440°C and is about 0.13 mmol/g catalyst or 0.8 μmol/m² on the reduced sample. The adsorption of isopropyl alcohol was studied gravi-

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Study of the Adsorption Properties of Aluminum-chromium-potassium Catalysts for the Dehydrogenation of Paraffins S/195/60/001/003/011/013 B013/B058

metrically at 30° C on sample 2 (reduced and initial) on a catalyst of equal composition produced by means of coprecipitation and on one without K_2° O. The primary adsorption on a reduced catalyst differs from that

on an oxidized one by its reproducibility. The adsorption isotherms are very similar to each other in the case of coprecipitated catalysts with and without K_2O . It was established that the chemosorption of isopropyl

alcohol on aluminum-chromium- and aluminum-chromium-potassium catalysts occurs to a great extent and at a high rate already at 30°C and small relative pressures. Alcohols, among them also methanol, are therefore unsuitable for determining the specific surface of aluminum-chromium catalysts. The authors thank O. D. Sterligov and A. P. Belen'kaya for supplying catalyst samples and for tests. A. L. Klyachko-Gurvich participated in determining the texture of catalysts. The analyses of decomposition products were made by Yu. A. Fedyunin with the mass spectrometer of the type MM-1035 (MI-1035). There are 10 figures, 2 tables,

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Study of the Adsorption Properties of Aluminum-chromium-potassium Catalysts for the Dehydrogenation of Paraffins

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and 24 references: 8 Soviet, 9 US, 1 German, 5 British, and 1 French.

ASSOCIATION:

Institut organicheskoy khimii im. N. D. Zelinskogo ANSSSR (Institute of Organic Chemistry imeni N. D. Zelinskiy

AS USS

SUBMITTED:

May 13, 1960

Card 4/4

S/020/60/134/004/034/036XX B016/B067

AUTHORS:

Rubinshteyn, A. M., Slovetskaya, K. I., and Bruyeva, T. R.

TITLE:

Chemosorption of Isopentane on an Aluminum - Chromium -

Potassium - Catalyst

PERIODICAL:

Doklady Akademii nauk SSSR, 1960, Vol. 134, No. 4,

pp. 836-839

TEXT: The authors describe the chemosorption of isopentane on an aluminum - chromium catalyst, the standard catalyst for paraffin dehydrogenation, which they measured for the first time. They studied the chemosorption of the paraffins and olefins at dehydrogenation temperatures which are close to those of the paraffins. The adsorption of isopentane was studied by the capillary method (Ref. 15). The chemosorption of isopentane rapidly increases with an increase in temperature. Consequently it is assumed to be rather high at the dehydrogenation temperature of the paraffins (500°C and above). The authors conclude from the rapid increase in the number of chemosorption centers (estimated from the rapidly increasing amount of the isopentane chemosorbed with rising temperature, Card 1/2

Chemosorption of Isopentane on an Aluminum - S/020/60/134/004/034/036XX Chromium - Potassium - Catalyst B016/B067

that at 500-550°C a considerable part of the catalyst surface is bound to take part in chemosorption. The calculation based on a diagram extrapolated for 550°C shows that at 550°C about 18.8% of the surface (calculated on the basis of a monolayer at 20°C) take part in the chemosorption of isopentane. Assuming that the activated and adsorbed isopentane is subject to the reaction the authors conclude that about 0.2 of the total catalyst surface take part in the dehydrogenation at 550°C. At present, the chemosorption of isopentene on the same catalyst, is being studied. A. L. Klyachko-Gurvich took part in the examination of the catalyst. Yu. A. Fedyunin who made some analyses, and G. D. Lyubarskiy are also mentioned. There are 3 figures, and 16 references: 10 Soviet, 1 US, and 4 British.

ASSOCIATION: Institut organicheskoy khimii im. N. D. Zelinskogo Akademii

nauk SSSR (Institute of Organic Chemistry imeni N. D.

Zelinskiy of the Academy of Sciences USSR)

PRESENTED:

May 13, 1960, by B. A. Kazanskiy, Academician

SUBMITTED:

May 12, 1960

Card 2/2

-EL'TEKHOV, Yu.A.; BRUYEVA, T.R.; RUBINSHTEYN, A.M.

Texture and adsorption properties of chromium oxide and hydroxide. Izv.AN SSSR Otd.khim.nauk no.4:560-565 ap 161. (MIRA 14:4)

1. Institut organicheskoy khimii im. N.D.Zelinskogo AN SSSR. (Chromium oxide) (Chromium hydroxide)

RUBINSHTEYN, A.M.; SLOVETSKAYA, K.I.; BRUYEVA, T.R.

Adsorption of 2-methyl-3-butene on a dehydrogenation catalyst. Kin.i kat. 2 no.4:584-589 J1-Ag '61. (MIRA 14:10)

1. Institut organicheskoy khimii imeni N.D.Zelinskogo AN SSER. (Butene) (Dehydrogenation)

RUBINSHTEYN, A.M.; SLOVETSKAYA, K.I.; BRUYEVA, T.R.

Chemosorption of isopropyl floohol on mixed γ Al₂0₃-based catalysts.

Dokl. AN SSSR 139 no. 3:626-629 Jl '61. (MIRA 14:7)

 Institut organicheskoy khimii im. N.D. Zelinskogo AN SSSR. Predstavleno akademikom B.A. Kazanskim. (Isopropyl alcohol) (Aluminium oxide)

S/195/63/004/001/008/009 E075/E436

AUTHORS: Rubinshteyn, A.M., Slovetskaya, K.I., Bruyeva, T.R.

TITLE: The influence of the activation and regeneration processes of alumina-chromia catalysts on their structure and the degree of surface hydration

PERIODICAL: Kinetika i kataliz, v.4, no.1, 1963, 139-142

TEXT: The authors investigated the catalysts obtained by simultaneous precipitation of Cr(OH)3 and Al(OH)3 with NH4OH from nitrate solutions, before and after use in catalytic reactions. Cr2O3-Al2O3 dehydrogenation and dehydrocyclization catalysts were also investigated. The aim of the work was to obtain information on the state and quantity of H2O held by catalysts prepared and treated by various methods. The surface area and pore dimensions of the catalysts did not change on successive oxidation - reduction processes. To determine H2O held by the catalysts, they were tested to 500-1100°C and the water absorbed by MgClO4. Since the removal of H2O was difficult, it was concluded that it existed in the form of OH groups attached to the surfaces. Reduction of the oxidized catalyst samples for Card 1/2

5/195/63/004/001/008/009 The influence of the activation ... E075/E436

3 hours at 450°C increased the number of OH groups on the surfaces, the hydration of the catalysts containing 23% Cr203 being stronger than that of the catalysts with 13% Cr203. The catalysts oxidized with 02 contained the smallest quantity of OH groups. Reduction with hydrocarbon vapors introduced less H20 on to the surfaces than the reduction with H2, There are 3 tables.

ASSOCIATION: Institut organicheskoy khimii im. N.D.Zelinskogo

AN SSSR (Institute of Organic Chemistry imeni N.D.Zelinskiy AS USSR)

SUBMITTED: November 14, 1961 SUBMITTED: November 14, 1961

Card 2/2

Card 2/2

RUBINSHTEYN, A.M.; SLOVETSKAYA, K.I.; KLYACHKO-GURVICH, A.L.; BRUYEVA, T.R.

Adsorption of cyclohexane on a chromia-alumina-potassium catalyst.

Dokl. AN SSSR 151 no.2:343-346 J1 163. (MIRA 16:7)

1. Institut organicheskoy khimii im. N.D. Zelinskogo AN SSSR. Predstavleno akademikom B.A. Kazanskim. (Cyclohexane) (Adsorption) (Catalysts)

RUBINSHTEYN, A.M.; SLOVETSKAYA, K.I.; BRUYEVA, T.R.

Adsorption of benzene within a temperature range of 20 to 450°C on chromia-alumina-potassium catalysts. Dokl. AN SSSR 151 no.38 (MIRA 1689) 580-583 Jl 163.

1. Institut organicheskoy khimii im. N.D.Zelinskogo AN SSSR. Predstavleno akademikom B.A.Kazanskim. (Benzene) (Adsorption) (Catalysts)

RUBINSHTEYN, A.M.; SLOVETSKAYA, K.I.; BRUYEVA, T.R.

Benzene and n-hexane adsorption on aluminum oxide. Izv. AN SSSR. Ser. khim. no.5:900-902 '65. (MIRA 18:5)

1. Institut organicheskoy khimii im. N.D.Zelinskogo AN SSSR.

SLOVETSKAYA, K.I.; BRUYEVA, T.R.; RUBINSHTEYN, A.M.

Adsorption of methanol on aluminum-chromium-potassium catalysts. Izv. AN SSSR. Ser. khim. no.5:903-904 '65. (MIRA 18:5)

1. Institut organicheskoy khimii im. N.D.Zelinskogo AN SSSR.

BRUYEVICH, A.N., YEVTYANOV, S.I., ALEKSANDROVA, A.A., red.

[Approximation of nonlinear characteristics and the spectra under harmonic action] Aproksimatsiia nelineinykh kharakteristik i spektry pri garmonicheskom vozdeistvik. Moskva, Sovetskoe radio, 1965. 343 p. (MIRA 18:8)

(1)

21532

S/109/60/005/010/029/031/XX E033/E415

9.3260 (2104,1067,1144)

AUTHOR:

Bruyevich, A.N.

TITLE:

Asynchronous Oscillations in Oscillators, With Two

Degrees of Freedom

PERIODICAL: Radiotekhnika i elektronika, 1960, Vol.5, No.10,

pp.1559-1567

The behaviour of oscillators having two degrees of freedom has been previously investigated by using either a polynomial or an exponential approximation for the anode current. The grid bins, however, has either not been considered, or it has been treated as for peak detection. Such analysis is incomplete since, with certain ratios of the frequency-determining impedance to the automatic bias impedance, the behaviour of the oscillator differs from its behaviour with peak detection. In this work, the author does not assume peak detection, but the anode and grid current characteristics are idealized to straight line segments (polygon approximation). The author starts from the equation obtained by S.I.Yevtyanov (Ref.6)

 $T_{i} \frac{dU_{i}}{dt} + U_{i} = R_{i}I_{2-i,i-1}, i = 1,2,$ and the second second

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Asynchronous Oscillations ...

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where T_i is the time constant of the i-th circuit; R_i is the controlling impedance of the i-th circuit and $I_{2-i,i-1}$ is the harmonic of the anode current at the frequency of the i-th circuit. The equation for the "inertialess" automatic bias circuit is

$$E_{c} = -I_{c00}R_{c} \tag{2}$$

where R_C is the automatic bias impedance and I_{COO} the constant component of the grid current. The modulation characteristic method, which is used for obtaining the harmonics (Ref.7), is reviewed and applied to investigation of the steady-state conditions. It is assumed that in the steady-state, the amplitudes do not vary and the harmonics of the current are expressed by the mean slopes, giving

$$S_1(y, x) = \frac{1}{R_1 S},$$

$$S_2(y, x) = \frac{1}{R_2 S},$$

$$I_0\left(y_{\rm c},x\right)=\frac{y_{\rm c}}{R_{\rm c}S_{\rm c}}.$$

Eq. (9)

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Asynchronous Oscillations ...

where S is the slope of the linear part of the valve characteristic and x is the dimensionless voltage amplitude

$$x = \frac{v_2}{v_1}$$

and y is the dimensionless geometric bias (i.e. the bias $E_{\mathbf{c}}$ relative to the cut-off bias E

$$y = -\frac{E_{C} - E_{C}^{'}}{U_{1}}$$

 R_iS is called the regeneration of the i-th circuit; R_cS_c called the bias factor. To solve the system of Equations (9), Fig.1, which shows the dependence of the mean slope and the constant component of the grid current on the bias, is used to construct the relationship $U_1(U_2)$ on the amplitude-plane. method of construction is described for the two cases $U_1 > U_2$ and U1 ≤ U2 and the results are discussed. Curves showing the oscillation amplitudes versus the first circuit regeneration are

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S/109/60/005/010/029/031/XX E033/E415

Asynchronous Oscillations ...

The method of construction is demonstrated in next constructed. Fig. 2a which shows the shift of a particular stable point on the amplitude-plane for $R_2S = 3$ and $R_1S = 2.5 - 4$. Fig.3a shows curves for R_CS_C = 10 and Fig. 36 for peak detection. Fig.3a shows three types of curves:

- 1. $R_2S = 2.5$. $R_1S < 2.2$:- oscillations occur only in the second circuit. $2.2 < R_1S < 3.3$:- oscillations of both frequencies occur. 3.3 $\langle R_1 S :- oscillations occur only in$ the first circuit. When $R_1 = 3.3$, the oscillations in the second circuit decay smoothly and oscillations in the first circuit increase smoothly.
- 2. $R_2S = 3$. As for 1 above, but the fall of amplitude in the second circuit is not smooth. 3.25 < R₁S < 4.4 :- simultaneous growth of oscillations occurs in both circuits. R₁S > 4.4:- U_2 again falls and when $R_1S = 5.1$ oscillation in the second circuit is suppressed.
- $3. R_2S = 3.5.$ The part showing simultaneous growth of both amplitudes is large and suppression of oscillations in the second circuit occurs only with very large R1S (not shown). For R2S 3.6 oscillation in the second circuit is not suppressed and

Asynchronous Oscillations ...

S/109/60/005/010/029/031/XX E033/E415

both U₁ and U₂ increase with R₁S. (This will not occur in practice due to grid-anode voltage reversal.)

The manner in which the R₁S and R₂S plane is sectioned off according to the nature of the oscillations is next investigated. The following regions are indicated: 1. no oscillations;

2. oscillations in either the first or the second circuit, depending on the initial conditions;

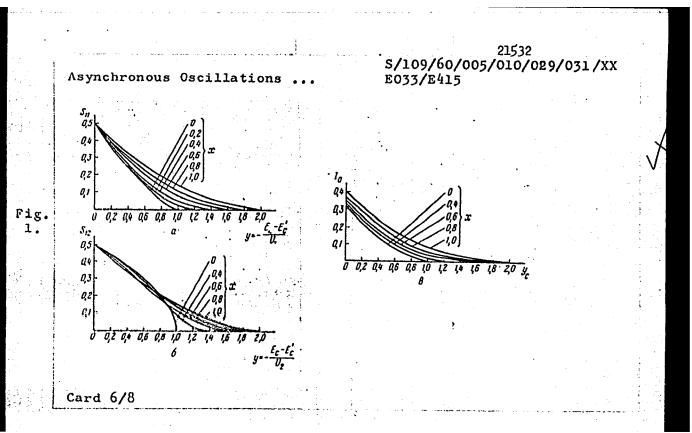
3. oscillations in the first circuit;

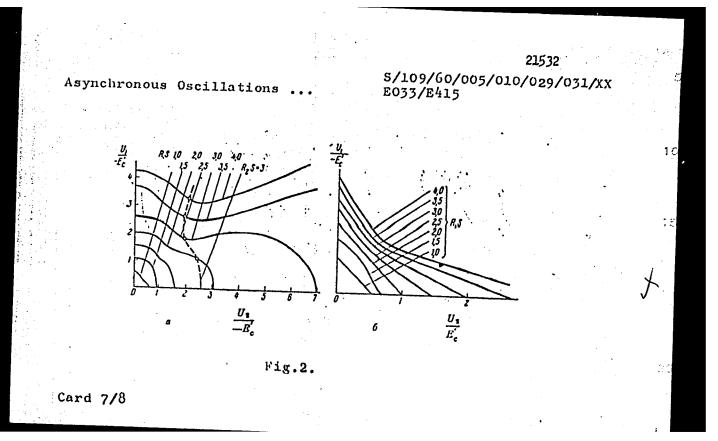
4. oscillations in the second circuit;

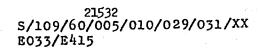
5. oscillations at two frequencies. Acknowledgments are expressed to S.I.Yevtyanov for his assistance. There are 5 figures and 9 references: 7 Soviet and 2 non-Soviet.

SUBMITTED: January 28, 1960

Card 5/8







Asynchronous Oscillations ...

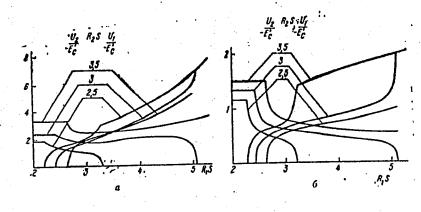


Fig.3.

Card 8/8

8/109/62/007/007/004/018 D271/D308

4.3200°

Bruyevich, A. N.

TITLE:

AUTHOR:

Spectra in frequency multipliers

PERIODICAL: Radiotekhnika i elektronika, v. 7, no. 7, 1962,

1082-1090

TEXT: Multi-stage frequency multipliers are studied assuming that parasitic harmonics at the output are much smaller than the required harmonic. The problem of spectrum distortion by a stage is considered and a method for calculating harmonics in all stages is explained. The Duhamel integral is used for the analysis of a multiplier stage, and transient phenomena are eliminated. Imperfections of a stage cause amplitude and phase modulation of the excitation of the following stage: Stage current consists of pulse groups; free oscillations excited by pulses are superimposed on oscillations resulting from preceding pulse trains and voltage storage takes place. An equation is formulated for the sum of all __stored voltages, in terms of stage current and load parameters.

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5/109/62/007/007/004/018 D271/D308

Spectra in frequency ...

The voltage at any instant is seen as composed of the accumulation of previous excitations and of the effect of current excitation. The second component is constant in the intervals between pulses. The case is considered when the stage load is a single tuned circuit. It is shown that the output voltage is both amplitude and phase modulated, although phase modulation disappears when the load circuit is accurately tuned. A non-overlapping operation of the multiplier is assumed, i.e. the tube in a stage is cut off before the tube of the stage which follows is made conductive; this is true for single tuned circuit loads. A complex Fourier series representation is used in the study of the current spectrum in a stage. It is shown that parasitic current harmonics appear because of the increased depth of amplitude modulation and increased index of phase modulation. In relation to the desired output frequency of a stage, parasitic harmonics bear fractional numbers. The effect of the phase and amplitude modulation at the output of the. first stage is calculated using a complex modulation index, and amplitudes of current harmonics in the second stage are evaluated. _Amplitudes of consecutive harmonics alternately decrease and in-

Card · 2/3

Spectra in frequency ...

8/109/62/007/007/004/018 D271/D308

crease, with a quasi-periodic envelope. Recurrent formulas are derived for the change of the phase and amplitude modulation effect between the input and output of a stage. The procedure is described for calculating all spectrum components in all stages. S. I. Yevtyanov's supervision is acknowledged. There is 1 figure.

SUBMITTED: October 31, 1961 (initially.)
January 31, 1962 (after revision)

Card 3/3

ERUYEVICH, A.N.

Asynchronous escillations of a self-escillator with two degrees of freedom under overload conditions. Radiotekh.i elektron. 6 no.6: 895-906 Je '61. (MIRA 14:6)

(Oscillators, Electric)

BRUYEVICH, A.N.

Operation of the stages of a multiplier with large cutoff angles. Elektrosviaz' 17 no.12:33-42 D '63. (MIRA 17:2)

ACCESSION NR: AP4038603

S/0108/64/019/005/0054/0059

AUTHOR: Bruyevich, A. N. (Active member)

TITLE: Nonisochronism of master oscillators of harmonic oscillations

SOURCE: Radiotekhnika, v. 19, no. 5, 1964, 54-59

TOPIC TAGS: oscillator, electron tube oscillator, master oscillator, transients in oscillator, oscillator frequency

ABSTRACT: Due to higher harmonics, the phase of the mean transconductance of a master-oscillator tube is usually described by an infinite series; only the first few terms are used in practice. To avoid truncation errors, a closed form of summation is developed which permits a simplified calculation with any desirable degree of approximation. The formulas cover 4 typical master-oscillator circuits: (1) the Meissner circuit, (2) the Hartley circuit, (3) the Colpitts circuit, and (4) the dynatron circuit. The formulas are based on Yevtyanov's

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ACCESSION NR: AP4038603

equation describing the process of establishing the frequency in a self-excited oscillator (Radiotekhnika i elektronika, no. 1, 1959). The new method facilitates calculating the frequency correction under transient or steady-state conditions in an oscillator. The method is also applicable to the case of an infinite series of harmonics which may describe the effect of the grid current or a self-bias circuit on the frequency. The frequency drift increases with regeneration; the least drift is inherent to the Meissner circuit. "The author is deeply grateful to S. I. Yevtyanov for his attention to the work and going over the manuscript." Orig. art. has: 6 figures, 26 formulas, and 1 table.

ASSOCIATION: Nauchno-tekhnicheskoye obshchestvo radiotekhniki i elektrosvyazi (Scientific and Technical Society of Radio Engineering and Electrocommunication)

SUBMITTED: 07Sep62

DATE ACQ: 09Jun64

ENCL: 00

SUB CODE: EC.

NO REF SOV: 004

OTHER: 001

Card 2/2

BRUYEVICH, A.N.

Optimum cutoff angles of a multistage frequency multiplier. Elektrosviaz' 18 no.7:54-59 Jl '64. (MIRA 17.10)

"APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000307120009-9

L'11613-66 EWT(1)/EWA(h)

ACC NR: AP5028788

SOURCE CODE: UR/0108/65/020/009/0001/0008

AUTHOR: Bruyevich, A. N. (Active member)

ORG: Scientific and Technical Society of Radio Engineering and Electrocommunication (Nauchno-tekhnicheskoye obshchestvo radiotekhniki i elektrosvyazi)

TITLE: Spurious FM in frequency multipliers 0,5

SOURCE: Radiotekhnika, v. 20, no. 9, 1965, 1-8

TOPIC TAGS: frequency multiplier, phase modulation, frequency multiplication, FM, electronic circuit

ABSTRACT: Heretofore, theoretical investigations have dealt only with square current pulses and imperfect filtration in h-f circuits. This article submits a theory of spurious FM with an arbitrary characteristic resulting from imperfect filtration in d-c supply circuits, such as a bias-voltage circuit. Instability of frequency-multiplier operation due to the latter cause is far greater than the instability due to h-f harmonics. Also, variation of tube input capacitance is taken into account in the present article. Types of phase shift dependent on the mode of operation of the multiplier are determined. Quantitative relations between the multiplier-output

Card 1/2

UDC: 621.374.4

pulsations an single-stage spurious FM author wisher art. has: 31	multiplier. occurs mainl to thank <u>S.</u> formulas.	These rela y in multi I. Yevtyan	tions, h stage fro ov for h	owever, an equency mu is constant	re rathe: altiplier: attentic	r theoretics. "In co on to the w	cal as the nclusion, ork. "O	the	
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BRUYEVICH, N.G.

CHERKUDINOV, Sergey Aleksandrovich; ARTOBOLEVSKIY, I.I., akademik, otv.red.; BLAGONRAVOV, A.A., akademik, otv.red.; BRUYEVICH, N.G., akademik, red.; DIKUSHIN, V.I., akademik, red.; SERENSEN, S.V., akademik, red.; PINEGIN, S.V., prof., doktor tekhn.nauk, red.; LEVITSKIY, N.I., prof., doktor tekhn.nauk, red.; DI-MENTBERG, F.M., doktor tekhn.nauk, red.; KOBRINSKIY, A.Ye., doktor tekhn.nauk, red.; RAYEVSKIY, N.P., kand.tekhn.nauk, red.; BESSONOV, A.P., kand.tekhn.nauk, red.; KUDASHEV, A.I., red.izd-va; ASTAF'YEVA, G.A., tekhn.red.

[Synthesis of flat hinged-lever mechanisms; problems on the reproduction of a continuous function on a given section]
Sintez ploskikh sharnirno-rychazhnykh mekhanizmov; zadachi o vosproizvedenii nepreryvnoi funktsii na zadannom otrezke.
Moskva, Izd-vo Akad.nauk SSSR, 1959. 321 p. (MIRA 13:1)

1. AN USSR (for Serensen).
(Machinery, Kinematics of)

BRUYEVICH, I. G.

PA 1/49T1

/UESR/Academy of Sciences Apr/May/Jun 48

"The Conditions of the Prize imeni S. S. Smirnov," S. I. Vavilov and I. G. Bruyevich, 1 p

"Zapiski V-S Mineral Obshch" Vol LXXVII, No 2

Prize, awarded every 3 years for best work in field of geology of ore deposits, is worth 10,000 rubles. Applications and theses must be submitted in next 3-year period, beginning in 1949.

Country: USSR
Category: Soil Science, Mineral Fertilizers.

Abs. Jour.:

Author: Bruyevich, I.S.
Institut.: Gomel'sk State Pedagogical Institute
Pet Ash, an Excellent Supplementary Fertilizer

Orig. Two.: Uch. zap. Gomel'sk. gos. p.d. in-ta, 1956, vyp. 3, 297-300

Abstract: No abstract

BRUYEVICH, Nikolay Grigor'yevich

"The Kinematics of the Simplest Three-Dimensional Mechanisms with Pairs of the Fifth Class," Trudy Voenno-vozdushnoy akad. RKKA im. Zhukovskogo (Works of the Military Air Academy of the Red Army imeni Zhukovskiy), 1937, Collected Works, No. 18.

"The Kinetostatics of Three-Dimensional Mechanisms" Ibid., 1937, Collected Works, No. 22.

BRUYEVICH IV. 6.
BRUEVICH, NÍKOLAI GRIGOR'EVICH

O tochnosti mekhanizmov. Moskva, AN SSSR, 1941. 50 p. diagrs.

On the precision of mechanisms.

MH NIC

DLC: TJ170.B87

So: Manufacturing and Mechanical Engineering in the Soviet Union, Library of Congress, 1953.

BRUEVICH, NIKOLAI GRIGOR'EVICH.

Oshibki kulachkovykh mekhanizmov s dvumia stepeniami svobody. Moskva AN SSSR, 1942. 19 p. fold. pl. (diagrs.)

Errors of cam gears with two neutral positions.

MH WaU

DLC: TJ206.B7

SO: Manufacturing and Mechanical Engineering in the Soviet Union, Library of Congress, 1953.

BRUEVICH, NIKOLAI GRIGOR'EVICH

Oshibki kulachkovykh mekhanizmov s dvumia stepeniami svobody. Moskva, AN SSSR, 1942. 18, $\sqrt{27}$ p. fold. pl. (diagrs.)

Errors of cam gears with two neutral positions.

DLC: TJ206.B7

MH WaU

SO: Manufacturing and Mechanical Engineering in the Soviet Union, Library of Congress, 1953.

BRUEVICH, N. G.

Oshibki mekhanizmov dlia chercheniia linii. Moskva AN SSSR, 1942. 62 p. diagrs.

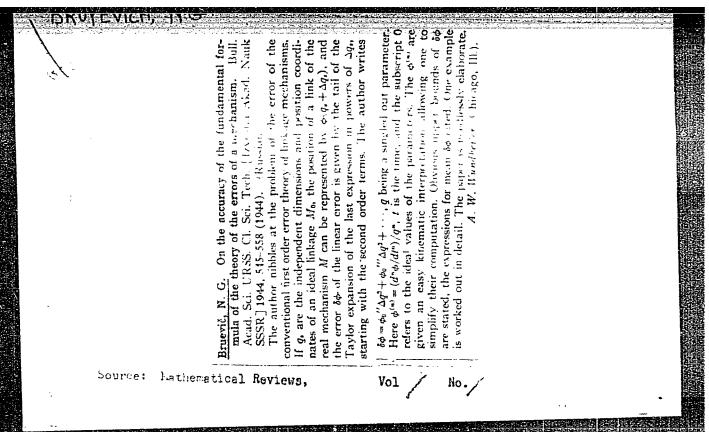
Errors of line-tracing mechanisms.

MH WaU

DLC: Tj175.B7

SO: Manufacturing and Mechanical Engineering in the Soviet Union, Library of Congress, 1953.

BRUYEVICH, N. G.
"V.L.Komarov During World War II," Vest Ak Nauk SSSR, No 10, 1944



KOMAROV, V.L., akademik, redaktor; BAYKOV, A.A., akademik, redaktor; VOLGIN, V.P., akademik, redaktor; ORBELI, L.A., akademik, akademik-sekretar, redaktor; BEUX-VICH, H.G., akademik, redaktor; DEBORIN, A.M., akademik, redaktor; HITIN, H.B., akademik, redaktor; LEBEDEV-POLYANSKIY, P.I., redaktor; YUDIN, P.F., redaktor

[Central meeting of the Academy of Sciences of the U.S.S.R., October 14-17, 1944; in honor of the President of the Academy, Academician V.L.Komarov, in connection with his 75th birthday and the 50th anniversary of his scientific activity] Obshchee sobranie Akademii nauk SSSR, 14-17 oktiabria 1944 goda; posviashchennoe chestvovaniiu prezedenta Akademii nauk SSSR akademika V.L.Komarova, v sviazi s 75-leniem so dnia rozhdeniia i 50-letiem nauchnoi deiatel'nosti. Moskva, 1945. 260 p. (MLRA 9:11)

1. Prezident Akademii nauk SSSR (for Komarov). 2. Vitse-prezident Akademii nauk SSSR (for Baykov, Bolgin, Orbeli). 3. Chlen-korrespondent Akademii nauk SSSR (for Lebedev-Polyanskiy, Yudin) 4. Akademiya nauk SSSR.

(Komarov, Vladimir Leont'evich, 1869-1945)

BRUYEVICH, N. G.

"Twenty-Five Years of Soviet Technique," edited by I. P. Bardin, N. G. Bruyevich, A. M. Terpigorev, V. I. Veyts, and A. S. Kudryavtsev, Iz Ak Nauk SSSR, 208 pp, 1945

B-76823

BRUYEVICH, Nikolay Grigor!yevich

"The Accuracy of Mechanisms," <u>Tochmost</u> mekhanizmov, Moscow-Leningrad, 1946 (contains a bibliography).

Bol'shaya Sovetskaya Entsiklopediya, Vol. VI., 2nd ed., Moscow, 1949

BORODACHEV, N.A., doktor tekhnicheskikh nauk; RRUYEVICH, N.G., akademik, otvetstvennyy redaktor; PERLYA, Z.N., redaktor izdatel stva; AUZAN, N.P., tekhnicheskiy redaktor

[Principles for computing allowances and errors in dimensional and kinematic chains] Obosnovaniia metodiki rascheta dopuskov i oshibok razmernykh i kinematicheskikh tsepei. Moskva, Izd-vo Akademii nauk SSSR. Pt.2.[Vector errors. Linkage errors. Effect of adjustment] Vektornye oshibki, sviazannye oshibki, vliianie regulirovok. 1946. 225 p. (MLRA 9:10)

BRUEVICH, N. G.

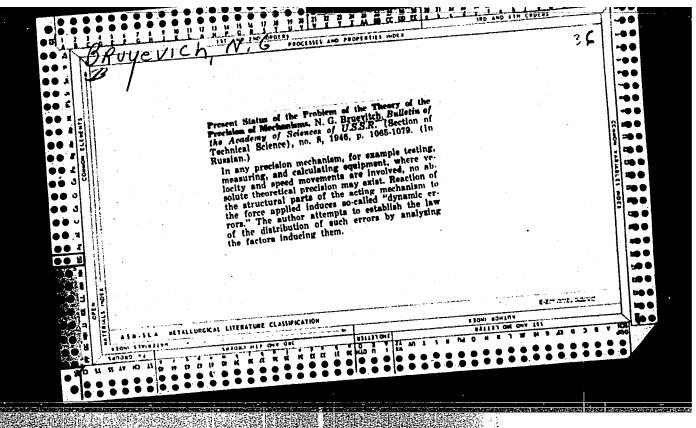
Tochnost' mekhanizmov. Moskva, Gostekhizdat, 1946. 332 p.

Precision of mechanisms.

CtY

DLC: Unclass

SO: Manufacturing and Mechanical Engineering in the Soviet Union, Library of Congress, 1953.



BRUYEVICH H. G.

PA 10T52

USSR/Academy of Sciences Geography Aug/Sep 1946

"The Five-Year Plan Basic Problems of the Academy of Sciences of the USSR," Academician N. G. Bruyevich, Secretary of Academy of Sciences, 11 pp

"Vestnik Akademii Nauk SSSR" Vol XVI, No 8/9

Five-Year Plan for science is broken up to indicate individual tasks of the important branches of science. One of projects of the geographic branch is publication of a large works, "Geography of the USSR." Article gives good indication of the types of research to be carried on.

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